

SEALING ELEMENTS FOR RCD

CATALOG

The DCE Sealing Elements are designed and processed to offer an optimum dynamic sealing under high pressure gas and fluids conditions at high temperatures. Our sealing elements have high resistance to impact, elongation, tear and to acid contact.

DCE´s advanced formula has a 3 to 1 durability over the traditional rubbers, such as Remaline, SBR, Nitrile, Neoprene, EPDM and Poliuretane.

 Orizaba 101, 2º piso Edificio Balmori Col. Roma. CDMX

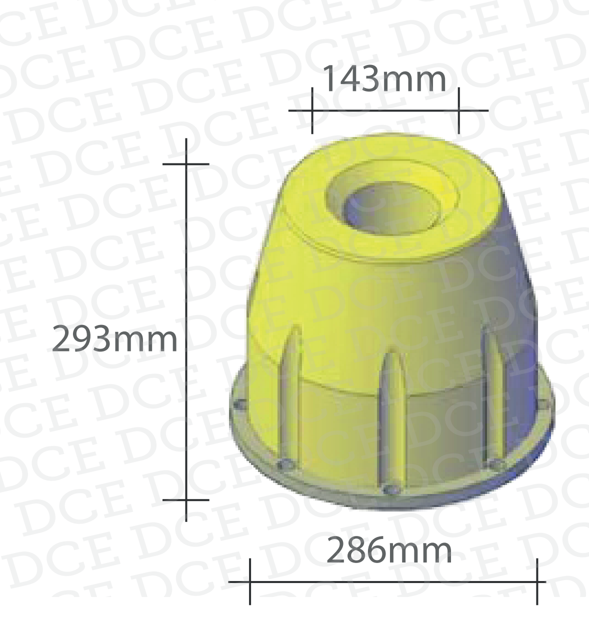
 tel. (52)55 5511 3138  www.dce-mexico.com

 info@dce.mexico.com



SEALING ELEMENT FOR "HOLD" RCD

HARDNESS 85



Temperature range	Oil	Acids	Outdoor	Abrasion
-20ºC A 90ºC	Good	Good	Good	Excelent

MECHANICAL PROPERTIES

Properties	Unit	ASTM regulation	Minimum value
Hardness	Shore "A"	D-2240	85
Tension	Lb/in^2	D-412	4,500
100% Module	%	D-412	800
300% Module	%	D-412	1,900
Elongation at break	%	D-412	400
Tear	Lb/in	D-624	450
Density	gr/cm^3	---------	1.2

The "Hold" sealing element is produced exclusively for Dowell Schlumberger de México S.A de C.V.

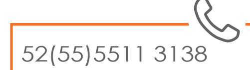
CATALOG

PART NUMBER	BORE DIAMETER
DCE-MB200-R85	2"
DCE-MB238-R85	2" ⅜
DCE-MB212-R85	2" ½
DCE-MB278-R85	2" ⅞
DCE-MB300-R85	3"
DCE-MB312-R85	3" ½
DCE-MB400-R85	4"
DCE-MB418-R85	4" ⅛
DCE-MB412-R85	4" ½
DCE-MB458-R85	4" ⅝
DCE-MB478-R85	4" ⅞

Other measures available on request







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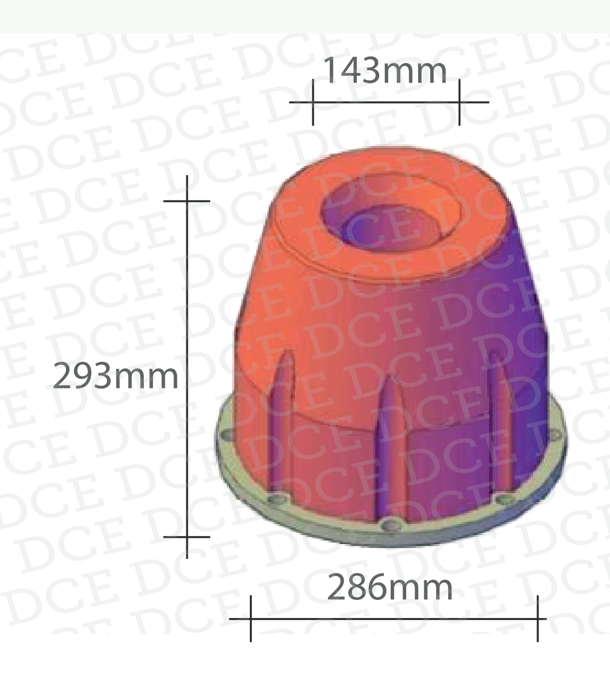
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SEALING ELEMENT FOR "5K" RCD

HARDNESS 85



Temperature range	Oil	Acids	Outdoor	Abrasion
-20ºC A 90ºC	Good	Good	Good	Excelent

MECHANICAL PROPERTIES

Properties	Unit	ASTM regulation	Minimum value
Hardness	Shore "A"	D-2240	85
Tension	Lb/in²	D-412	4,500
100% Module	%	D-412	800
300% Module	%	D-412	1,900
Elongation at break	%	D-412	400
Tear	Lb/in	D-624	450
Density	gr/cm³	---------	1.2

The "5K" sealing element is produced exclusively for Dowell Schlumberger de México S.A de C.V.

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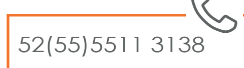
PART NUMBER	BORE DIAMETER
DCE-MB200-R85	2"
DCE-MB238-R85	2" ⅜
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DCE-MB278-R85	2" ⅞
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DCE-MB400-R85	4"
DCE-MB418-R85	4" ⅛
DCE-MB412-R85	4" ½
DCE-MB458-R85	4" ⅝
DCE-MB478-R85	4" ⅞

Other measures available on request











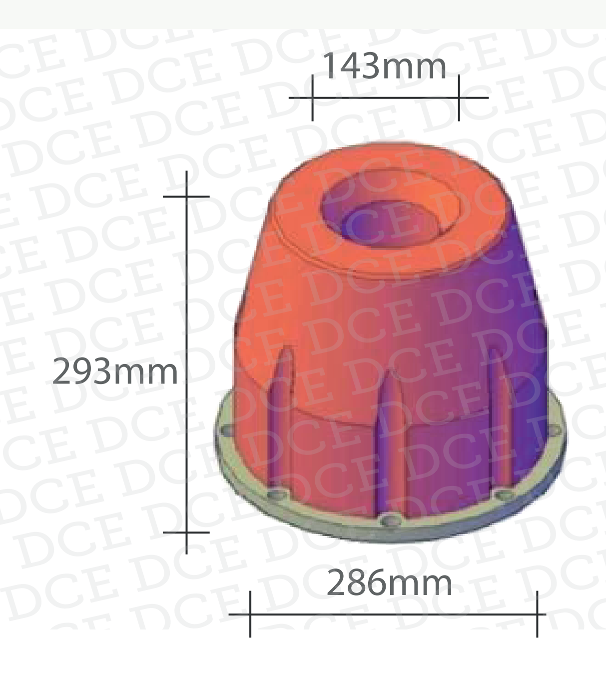


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SEALING ELEMENT FOR "5K" RCD

HARDNESS 92



Temperature range	Oil	Acids	Outdoor	Abrasion
-20ºC A 90ºC	Good	Good	Good	Excelent

MECHANICAL PROPERTIES

Properties	Unit	ASTM regulation	Minimum value
Hardness	Shore "A"	D-2240	92
Tension	Lb/in²	D-412	4,500
100% Module	%	D-412	800
300% Module	%	D-412	1,900
Elongation at break	%	D-412	400
Tear	Lb/in	D-624	450
Density	gr/cm³	---------	1.2

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DCE-MB400-R85	4"
DCE-MB418-R85	4" ⅛
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DCE-MB458-R85	4" ⅝
DCE-MB478-R85	4" ⅞

Other measures available on request










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SEALING ELEMENT FOR "3K" RCD

HARDNESS 85



Temperature range	Oil	Acids	Outdoor	Abrasion
-20ºC A 90ºC	Good	Good	Good	Excelent

MECHANICAL PROPERTIES

Properties	Unit	ASTM regulation	Minimum value
Hardness	Shore "A"	D-2240	85
Tension	Lb/in^2	D-412	4,500
100% Module	%	D-412	800
300% Module	%	D-412	1,900
Elongation at break	%	D-412	400
Tear	Lb/in	D-624	450
Density	gr/cm^3	---------	1.2

The "3K" sealing element is produced exclusively for Dowell Schlumberger de México S.A de C.V.

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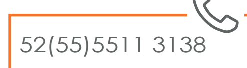
PART NUMBER	BORE DIAMETER
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DCE-MB400-R85	4"
DCE-MB418-R85	4" ⅛
DCE-MB412-R85	4" ½
DCE-MB458-R85	4" ⅝
DCE-MB478-R85	4" ⅞

Other measures available on request









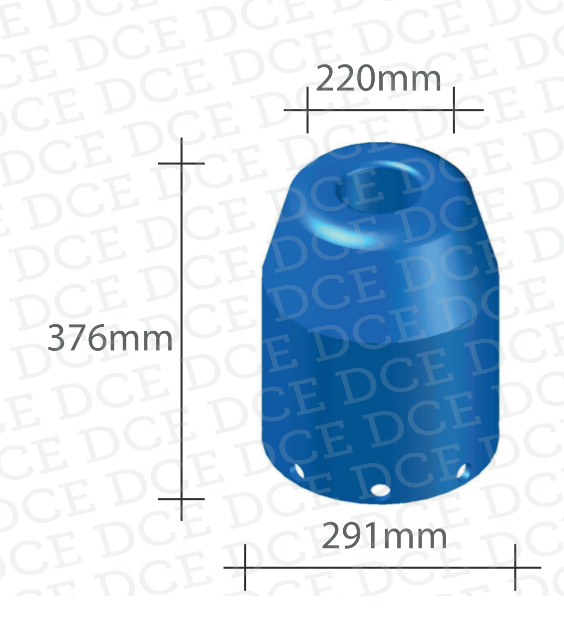

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SEALING ELEMENT FOR "3K" RCD

HARDNESS 92



Temperature range	Oil	Acids	Outdoor	Abrasion
-20ºC A 90ºC	Good	Good	Good	Excelent

MECHANICAL PROPERTIES

Properties	Unit	ASTM regulation	Minimum value
Hardness	Shore "A"	D-2240	92
Tension	Lb/in²	D-412	4,500
100% Module	%	D-412	800
300% Module	%	D-412	1,900
Elongation at break	%	D-412	400
Tear	Lb/in	D-624	450
Density	gr/cm³	---------	1.2

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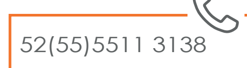
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DCE-MB238-R85	2" ⅜
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DCE-MB278-R85	2" ⅞
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DCE-MB400-R85	4"
DCE-MB418-R85	4" ⅛
DCE-MB412-R85	4" ½
DCE-MB458-R85	4" ⅝
DCE-MB478-R85	4" ⅞

Other measures available on request











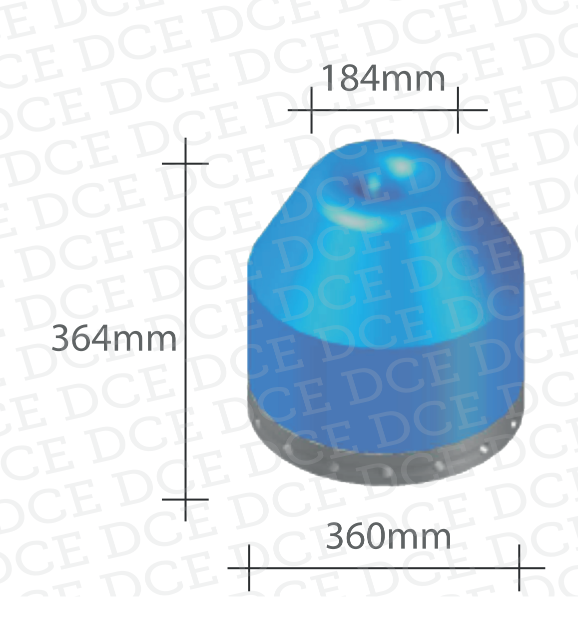


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SEALING ELEMENT FOR "BIG BORE" RCD

HARDNESS 85



MECHANICAL PROPERTIES

Temperature range	Oil	Acids	Outdoor	Abrasion
-20ºC A 90ºC	Good	Good	Good	Excelent

Properties	Unit	ASTM regulation	Minimum value
Hardness	Shore "A"	D-2240	85
Tension	Lb/in^2	D-412	4,500
100% Module	%	D-412	800
300% Module	%	D-412	1,900
Elongation at break	%	D-412	400
Tear	Lb/in	D-624	450
Density	gr/cm^3	---------	1.2

The "Big Bore" sealing element is produced exclusively for Haliiburton de México S. de R.L de C.V.

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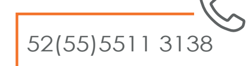
PART NUMBER	BORE DIAMETER
DCE-MB200-R85	2"
DCE-MB238-R85	2" ⅜
DCE-MB212-R85	2" ½
DCE-MB278-R85	2" ⅞
DCE-MB300-R85	3"
DCE-MB312-R85	3" ½
DCE-MB400-R85	4"
DCE-MB418-R85	4" ⅛
DCE-MB412-R85	4" ½
DCE-MB458-R85	4" ⅝
DCE-MB478-R85	4" ⅞

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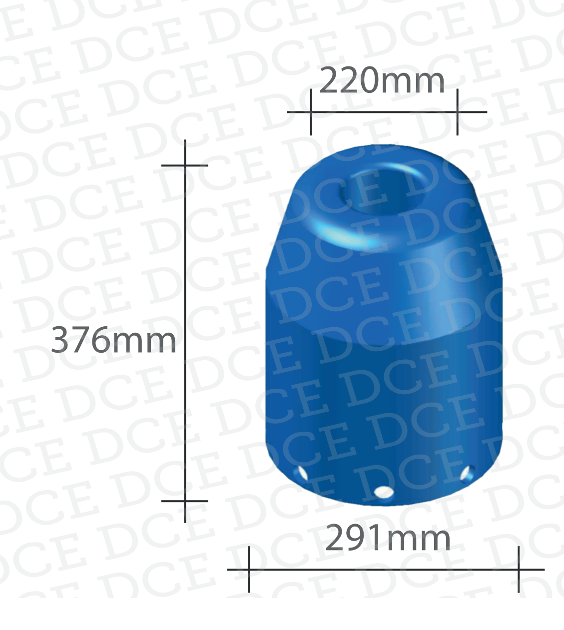
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SEALING ELEMENT FOR "TRUE BORE" RCD

HARDNESS 85



MECHANICAL PROPERTIES

Temperature range	Oil	Acids	Outdoor	Abrasion
-20ºC A 90ºC	Good	Good	Good	Excelent

Properties	Unit	ASTM regulation	Minimum value
Hardness	Shore "A"	D-2240	85
Tension	Lb/in²	D-412	4,500
100% Module	%	D-412	800
300% Module	%	D-412	1,900
Elongation at break	%	D-412	400
Tear	Lb/in	D-624	450
Density	gr/cm³	---------	1.2

The "True Bore" sealing element is produced exclusively for Haliiburton de México S. de R.L de C.V.

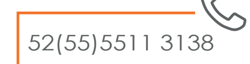
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PART NUMBER	BORE DIAMETER
DCE-MB200-R85	2"
DCE-MB238-R85	2" ⅜
DCE-MB212-R85	2" ½
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DCE-MB300-R85	3"
DCE-MB312-R85	3" ½
DCE-MB400-R85	4"
DCE-MB418-R85	4" ⅛
DCE-MB412-R85	4" ½
DCE-MB458-R85	4" ⅝
DCE-MB478-R85	4" ⅞

Other measures available on request








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SEALING ELEMENT FOR "BIG BORE" RCD

HARDNESS 92



MECHANICAL PROPERTIES

Temperature range	Oil	Acids	Outdoor	Abrasion
-20ºC A 90ºC	Good	Good	Good	Excelent

Properties	Unit	ASTM regulation	Minimum value
Hardness	Shore "A"	D-2240	92
Tension	Lb/in²	D-412	4,500
100% Module	%	D-412	800
300% Module	%	D-412	1,900
Elongation at break	%	D-412	400
Tear	Lb/in	D-624	450
Density	gr/cm³	---------	1.2

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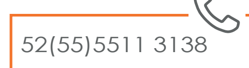
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SEALING ELEMENT FOR "TRUE BORE" RCD

HARDNESS 92



MECHANICAL PROPERTIES

Temperature range	Oil	Acids	Outdoor	Abrasion
-20ºC A 90ºC	Good	Good	Good	Excelent

Properties	Unit	ASTM regulation	Minimum value
Hardness	Shore "A"	D-2240	92
Tension	Lb/in^2	D-412	4,500
100% Module	%	D-412	800
300% Module	%	D-412	1,900
Elongation at break	%	D-412	400
Tear	Lb/in	D-624	450
Density	gr/cm^3	---------	1.2

The "True Bore" sealing element is produced exclusively for Haliiburton de México S. de R.L de C.V.

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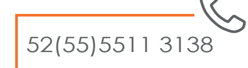
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